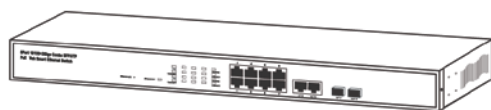# IN-882POE
User Manual

**8 x 10/100 PoE+ 802.3at
w/ 2 Gigabit Combo Ports RJ45/SFP**

FCC Warning

This device has been tested and found to comply with limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, it may cause interference in which case users will be required to correct interference at their own expenses.
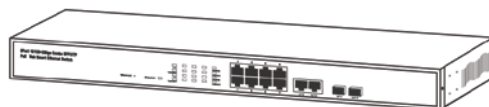
CE Warning

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Introduction

This 8 ports 10/100 Mbps PoE switch includes auto-MDI/MDIX crossover detection function. 8 of those ports are all built with PoE functionality, providing the ultimate choice in network flexibility. With this added PoE feature, this switch is an ideal solution for building wireless, IP surveillance, and VoIP networks.

The rack-mount size was specifically designed for medium to large workgroups. The Switch can be installed where space is limited; moreover it provides smooth network migration and easy upgrade to network capacity. The 19" size can be rack-mount on 19" cabinet.
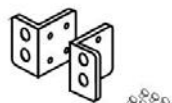
Package Contents

Before you start to install this switch, please verify your package that contains the following items:

- One Fast Ethernet PoE Switch
- One Power Cord
- One User's Manual
- A pair Rack-mount kit + 8 Screws

Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Key Features

- 8- Port 10/100M Switch and and 2 Combo Gigabit Copper/SFP
- 8 PSE/PoE function ports
- Supporting the power Max. 30 W for each PSE/PoE port
- 19" rack-mount size
- Auto-detect full/half-duplex modes for any port
- Dedicated full-duplex 200Mbps bandwidth
- Store-and-Forward switching methods
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Non-blocking full wire speed forwarding
- Auto-MDI/MDI-X function for any port

Front Panel (LEDs)

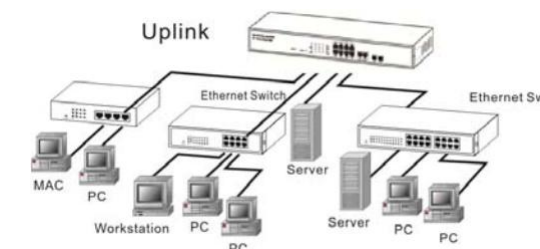### LED Indicators of 8 Port PoE 10/100M Switch

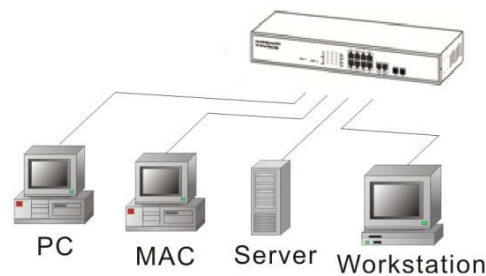| LED	Status	Description
Power	On	Power is on.
	Off	Power is off.
LINK/ACT	On	Port is for connection.
	Off	No connection.
	Blinking	Data is transmitting or receiving
PoE	On	Port is linked to Power Device
	Off	No Power Device is connected
1000M	On	Port is for connection.
	Off	No connection.
	Blinking	Data is transmitting or receiving

Connections

Switch/Hub to this 8 Port PoE Fast Ethernet Switch

This switch provides automatic crossover detection functionality for any port. It is simple and friendly to up-link to another switch without crossover cable.

PC/Other devices to this 8 Ports Fast Ethernet Switch

Via a twisted pair cable straight through, this switch can be connected to PCs, servers and other network devices.
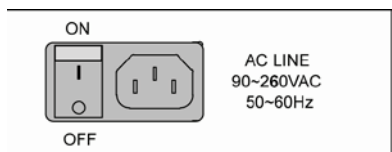

Power Device to this 8 Port PoE Fast Ethernet Switch and getting 48V power source through Cat. 5 cables

Using Cat. 5 twisted-pair cable to connect Power Device to the port 1~8 of this switch, and then this switch will supply 48V power to Power Device over Cat. 5 twisted-pair cable. Please be noted Power Device should also comply with IEEE 802.3at.

Rear Panel (Power)

AC input

AC input (90~260V/AC, 50~60Hz) UL Safety

Technical Specifications

Standards	IEEE 802.3at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow control
Features	Number of Ports: 8-port PoE+ 2 Gigabit Combo Ports RJ45/SFP MAC Address: 4K Buffer Memory: 2.75M bits Transmission Method: Store and Forward
Filtering/ Forwarding Rates	1000Mbps port – 1,488,000pps 100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
LED Indicators	Per Port: LINK/ACT, PoE ACT/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC Per Port Output – 30 W Max Per Port 8 Ports at Full 30 W Output Supported
Power Consumption	260 Watts (Max)
Dimensions	440 × 220 × 44 mm (L x W x H)
Weight	3.8 kg
Operating Temperature	0 to 45℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE